



## Switchcraft announces a new development in "GLO-BUTTON" design

To give you maximum design flexibility with positive operator reaction, Switchcraft has developed a larger type "GLO-BUTTON". This new button, available in special Series Y and Z provides an extra large front screen area ( $\frac{1}{2}$ " x  $\frac{5}{8}$ ") for marking legends or symbols. Actual size of button is:  $\frac{5}{8}$ " x  $\frac{3}{4}$ " x  $\frac{25}{32}$ " L.

Both Series are available with a black screen and orange-red or chartreuse illuminator; or with a white screen and an orange-red illuminator. This variety in colors combined with the attractive rectangular shape of the new "GLO-BUTTON", provides a customized appearance to any control panel.

The "GLO-BUTTON" is ideal for use in commercial, industrial or military equipment applications requiring an economical, reliable method of achieving a visual signal indicating a switching or circuit condition.

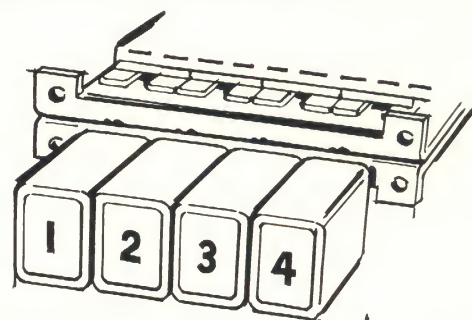
The "GLO-BUTTON", Series Y and Z, is for use on all pushbutton switches with standard .050" x .187" plungers, such as Switchcraft Series 7000, 8000 "Multi-Switches", Series 35000 little "Multi-Switch" and other switches having maintained plunger action with a maximum of  $\frac{1}{16}$ " fallback.

It has a translucent front screen upon which a design legend is marked in an opaque color. The opaque color provides a background for the legend, while the legend itself remains translucent.

An internal fluorescent illuminator is carried on a pusher which has two legs extending from the rear. When the "Glo-Button" is mounted to a plunger of a pushbutton switch and a station of the switch is actuated the rear legs of the pusher bring the orange-red fluorescent illuminator up to the screen. The legend then magically lights up to reflected ambient light and projects a clearly visible legend or symbol that signals the switch control status.

When a station of the switch is in the unactuated position, the illuminator is recessed and ambient light is not reflected, whereupon the legend or symbol appears to be non-luminous.

**SERIES Y**—Legends and/or symbols are marked along the short dimension ( $\frac{5}{8}$ ") in this series. For legend to read properly, Series Y "Glo-Button" should be used on "Multi-Switch" Series 7000, 35000 when frame is mounted horizontally; or on "Multi-Switch" Series 8000 when it is mounted vertically.



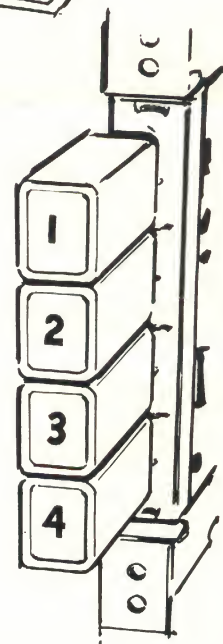
SERIES Y "Glo-Button" shown on "Multi-Switch"  
Series 35000 frame in horizontal plane.

### Three styles are offered:

**STYLE Y21248**—a black opaque screen with orange-red illuminator. Black body.

**STYLE Y28248**—a black opaque screen with chartreuse illuminator. Black body.

**STYLE Y51248**—a white opaque screen with orange-red illuminator. Black body.



SERIES Y "Glo-Button" shown on "Multi-Switch"  
Series 8000 frame in vertical plane.

For style numbers on Series Z, dimensional drawings and specifications, turn page.

Contact your Switchcraft Representative for "Glo-Button" engineering and application assistance.

"Glo-Buttons" are available from your local Switchcraft Authorized Industrial Distributor at factory prices.

*for details contact:*

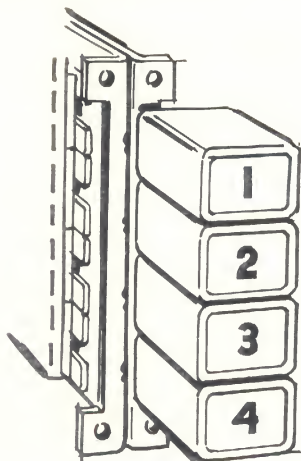
**SERIES Z**—Legends and/or symbols are marked along the long dimension ( $\frac{3}{4}$ "). For legend to read properly, Series Z "Glo-Button" must be mounted to "Multi-Switch" Series 7000, 35000 only when frames are mounted on the vertical plane; or on "Multi-Switch" Series 8000 when frames are mounted on horizontal plane.

#### Three styles are offered:

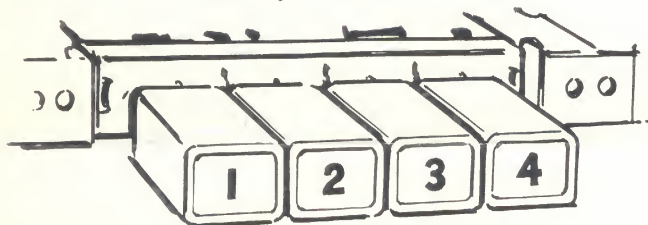
**STYLE Z21248**—a black opaque screen with orange-red illuminator. Black body.

**STYLE Z28248**—a black opaque screen with chartreuse illuminator. Black body.

**STYLE Z51248**—a white opaque screen with orange-red illuminator. Black body.



SERIES Z "Glo-Button" illustrated on "Multi-Switch" Series 35000 frame on vertical plane.



SERIES Z "Glo-Button" shown on "Multi-Switch" Series 8000 frame on horizontal plane.

#### LEGENDS

Letters A through Z, numerals 0 through 50 and "ON", "OFF" can be made available in these special "Glo-Buttons". Other legends and/or symbols can be provided only where production quantities warrant special handling.

#### HOW TO ORDER

When ordering Series Y or Z "Glo-Button", specify style number and add suffix letter, numeral or symbol which describes desired legend to be marked on opaque screen of button. Example: To order "Glo-Button", Series Z with black screen, chartreuse illuminator and numeral "6", part number would read: Z28248-6.

Also specify length of leg extensions, standard length is  $\frac{3}{4}$ ". See "MOUNTING" description for determining the exact length.

This information will enable Switchcraft to promptly quote price and delivery on your "Glo-Button" selection.

#### CONSTRUCTION

"Glo-Buttons" consist of four basic parts: (1) the front screen on which legends or symbols are marked; (2) a black plastic button housing; (3) a pusher with  $\frac{3}{4}$ " legs that extend out the rear of the button; (4) internal fluorescent illuminator. All parts are of rugged high quality materials. Body and pusher made in precision molds.

#### MOUNTING

Standard length of button legs is  $\frac{3}{4}$ ". However, for proper operation of the "Glo-Button", the relationship of the button when mounted on the plunger relative to the butting surface of the pusher legs, as well as the plunger stroke, must be such as to result in a  $\frac{3}{16}$ " depression of the legs when the button is actuated from the normal (OUT) position to the maintained operated (IN) position. Button legs may be trimmed (clipped) to meet this requirement; or can be supplied to proper length where quantities warrant.

A simple formula is listed below for your convenience and aid in determining the exact trim length of the button legs for your particular application.

"L"—is length from front face of panel to end of switch plunger, in maintained operated position. (Do not hold plunger in.)

Minimum length— $\frac{7}{16}$ " on plungers with fallback.

— $\frac{3}{8}$ " on plungers with no fallback.

Maximum length— $1\frac{15}{16}$ "

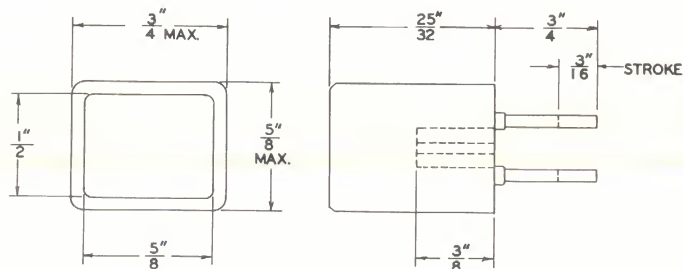
"X"—is trim length of leg extensions.

Minimum trim length— $\frac{1}{4}$ " on plungers with fallback.

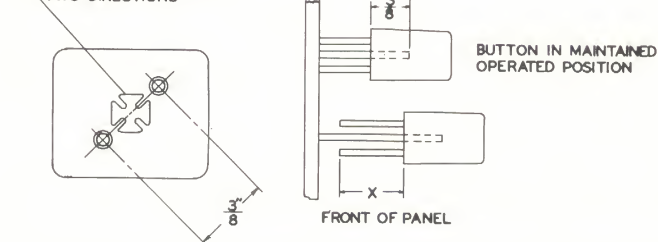
— $\frac{3}{16}$ " on plungers with no fallback.

Maximum length (standard)— $\frac{3}{4}$ ".

Formula: "X" = "L" —  $\frac{3}{16}$ "



MOUNTS TO STANDARD .050 X .187 PLUNGER IN EITHER OF TWO DIRECTIONS



#### MATERIAL SPECIFICATIONS

**BUTTON SHELL AND BODY:** Molded plastic, black.

**PUSHER:** Molded plastic.

**ILLUMINATOR:** Fluorescent orange-red and/or chartreuse.

**PAD:** Switchcraft plastic foam.

**SCREEN:** Translucent plastic.

**COMPRESSION SPRINGS:** Tinned wire.

**EYELETS:** Brass.



**SWITCHCRAFT**  
INC.

General Offices and Plant

5555 North Elston Avenue Chicago, Illinois 60630  
Area Code 312—Tel. 774-1515 TWX 312-265-1314